

Title (en)  
AIR FILTER

Title (de)  
LUFTFILTER

Title (fr)  
FILTRE A AIR

Publication  
**EP 0640002 B1 19960717 (EN)**

Application  
**EP 92918921 A 19920903**

Priority  
• AU 9200463 W 19920903  
• AU PK810391 A 19910903

Abstract (en)  
[origin: WO9304761A1] An air filter comprises an inlet (1) for compressed air; a prefiltration chamber (2) into which air from the inlet passes; a porous filter means (3) through which air from the prefiltration chamber passes, to strain particulate matter from the air; a plurality of venturis (4) through which air from the porous filter means passes; an expansion chamber (5) in which air from the venturis expands and cools so that droplets of oil and water precipitate and accumulate at the bottom of the expansion chamber; and an outlet (6) for air from the expansion chamber.

IPC 1-7  
**B01D 35/02**; **B01D 46/24**; **B01D 29/00**; **B01D 53/26**; **B01D 51/06**

IPC 8 full level  
**B01D 29/00** (2006.01); **B01D 35/02** (2006.01); **B01D 39/20** (2006.01); **B01D 46/00** (2006.01); **B01D 46/24** (2006.01); **B01D 51/00** (2006.01); **B01D 51/06** (2006.01); **B01D 53/26** (2006.01); **B60T 17/00** (2006.01); **F01M 13/04** (2006.01)

CPC (source: EP US)  
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Cited by  
US5456692A

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AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL SE

DOCDB simple family (publication)  
**WO 9304761 A1 19930318**; AT E140396 T1 19960815; AU 2505492 A 19930405; AU 653063 B2 19940915; BR 9206446 A 19941213; CA 2116430 A1 19930318; DE 69212335 D1 19960822; DE 69212335 T2 19970102; EP 0640002 A1 19950301; EP 0640002 A4 19940623; EP 0640002 B1 19960717; JP H06510229 A 19941117; KR 100239672 B1 20000115; US 5409514 A 19950425

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